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Technology Center 2100

Application Number: 09/839,476
Filing Date: 4/20/2001
5 Applicants: Avery Li-Chun Wang and Julius O. Smith III
Application Title: System and Methods for Recognizing Sound and Music in
High Noise and Distortion
Examiner: not yet assigned
Art Unit: not yet assigned

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Tianhua Gu

Signature

Tianhua Gu

Name of Person Signing

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PRELIMINARY AMENDMENT

Commissioner of Patents and Trademarks
Washington, DC 20231

25

Sir:

Kindly amend the above application as follows:

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CLAIMS:

Add new claims 107-124 as follows:

1 107. A method of characterizing an audio sample, comprising computing at least one
2 fingerprint from a spectrogram of said audio sample, wherein said spectrogram
3 comprises an anchor salient point and linked salient points, and wherein said fingerprint
4 is computed from frequency coordinates of said anchor salient point and at least one
5 linked salient point.

1 108. The method of claim 107, wherein said linked salient points fall within a target
2 zone.

05/16/2001 RHMRS1 00000131 09839476

01 FC:202
02 FC:203

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162.00 OP

09/839,476 (SHZ-101)

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Preliminary Amendment